

·						number.				
UTILITY	Attorney Docket PTZ03C1			PTZ03	C1					
PATENT APPLICATION	First	First Inventor Rosen et al.								
TRANSMITTAL	Title	Nucleic Acids, Proteins			ns, and A	ntibodies				
(Only for new nonprovisional applications under 37 CFR 1.53(b))	Expre	ess Mail L	abel							
APPLICATION ELEMENTS		AL	DDRE	SS TO		atent Application				
See MPEP chapter 600 concerning utility patent application co.	ntents.					ington, DC 20231				
Fee Transmittal Form (e.g., PTO/SB17)     (Tobbus an origina, and adiptice for processing)     Applicant claims small entity status.     Sep 37 CFR + 2.7.      X Specification     (Total Pages 407     (Post Pages 407)     (Post Pages 4		a. [] b. S	Comp electide pplicat Cor pecific i. Sta	uter Proding and/or American A	am (Append nino Acid Se essary) adable Form ence Listing M or CD-R	quence Submission (CRF) on: (2 copies); or ii. paper iiy of above copies				
Background of the Invention     Brief Summary of the Invention	ACCOMPANYING APPLICATIONS PARTS									
Brief Description of the Drawings (if filed)     Detailed Description     Claim(s)		9.	Assignment Papers (cover sheet & document(s))  37 CFR 3,73(b) Statement  Associate Power of							
- Abstract of the Disclosure 4. Drawing(s) (35 U.S.C. 113) [Total Sheets ]			).   37 CFR 3.73(b) Statement   X   Associate Power of Attorney   X   Asso							
	5 1	Information Disclos			losure	ure Copies of IDS				
a. Newly executed (original or copy)		13. Statement (IDS)/PTO-1449 Citations Preliminary Amendment								
b. X Copy from a prior application (37 CFR 1.83(d))  L DELETION CF INVENTOR(S)  Spend statement atlanded detering enventor(s) and 1.3(b), and 3.7(b),		14. X 15. 16. 17. X	(Should be specifically itemized)							
18. If a CONTINUING APPLICATION, check appropriate box, and	supply the	requisite info	rmation							
Data Sheet under 37 CFR 1.76:  X Continuation Divisional Continuation	in nert f	CID) of m	ior on a	ligation No		20/704 004				
1		CIP) of prior application No.: 09/764,884								
Prior application information: Examiner Clow, L. Group / Art Unit: 1631  For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied										
under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference.										
19. CORRESPONDENCE ADDRESS										
X Customer Number or Bar Code Label		22195			or	Correspondence address below				
Name										
Address										
City	ate				Zip Code					
Country Tel	ephone				Fa	x				
Name (Print/Type) Mark J. Hyman		Regi	stration	No. (Attor	ney/Agent)	46,789				
Signature 100 100					<del> </del>	March 7, 2002				

PT0/SB/17 (11-01)
Approved for use through 10/01/2002. OMB 0651-0032
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number.				Compl. to if Known							
FEE TRANSMITTAL		Compl te if Known									
		Application Number				Not Yet Assigned					
for FY 2002		Filing Date				Herewith					
Patent fees are subject to annual revision.		First Named Inventor				Rosen et al.					
		Examiner Name				Not Yet Assigned					
Application claims small entity status. See 37 CFR 1.27			Group Art Unit				Not Yet Assigned				
TOTAL AMOUNT OF PAYMENT (\$) 896.00		Attorr	ey D	ocket N	0.	PTZ03C1					
METHOD OF PAYMENT (check all that apply)	┮	FEE CALCULATION (continued)									
Check Credit Money Other None											
X Deposit Account											
Deposit Do D D D	Larg	Large Entity Small Entity									
Account Number 08-3425	Code	Fee (\$)	Fee Code	Fee (\$)		Fee Des	cription	Fee Paid			
Account Human Genome Sciences, Inc.	105	130	205	65		- late filing f					
Name The Commissioner is hereby authorized to: (check all that apply)	127	50	227	25	Surcharge sheet.	- late provis	ional filing fee or cover				
X Charge fee(s) indicated below X Credit any overpayments	139	130	139	130	Non-English specification						
X Charge any additional fee(s) during the pendency of this application	147	2,520	147	2,520		For filing a request for ex parte reexamination					
Charge fee(s) indicated below, except for the filing fee	112	920*	112	920*	Examiner a	Requesting publication of SIR prior to Examiner action					
to the above-identified deposit account.	113	1,840*	113	1,840*	Requesting Examiner a	publication ection	of SIR after				
FEE CALCULATION	115	110	215	55		Extension for reply within first month					
1. BASIC FILING FEE	116	400	216	200			in second month				
Large Entity Small Entity Fee Fee Fee Fee Fee	117	920	217	460			in third month	$\vdash$			
Code (\$) Code (\$) Fee Paid	118	1,440	218	720			in fourth month				
101 740 201 370 Utility filing fee 740.00	128	1,960	228	980	Extension for reply within fifth month						
106 330 206 165 Design filing fee	119	320	219	160	Notice of Appeal Filing a brief in support of an appeal			$\vdash$			
107 510 207 255 Plant filing fee 108 740 208 370 Reissue filing fee	120	320 280	220	160	-			$\vdash$			
114 160 214 80 Provisional filing fee	138	1,510	138	1,510	Request for oral hearing Petition to institute a public use proceeding						
'	140	110	240	55	Petition to revive – unavoidable						
SUBTOTAL (1) (\$) 740.00	141	1,280	241	640	Petition to revive - unintentional						
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE	142	1,280	242	640	Utility issue fee (or reissue)						
Extra Fee from Fee Paid	143	460	243	230	Design issue fee						
Total Claims 24 -20** = 4 x 18.00 = 72.00	144	620	244	310 Plant issue fee							
Independent 4 -3** = 1 x 84.00 = 84.00	122	130	122	130	Petitions to	the Commis	sioner				
Claims Substitute Dependent Substitute Dependent	123	50	123	50	Processing	fee under 3	7 CFR 1.17(q)	$\Box$			
Large Entity Small Entity	126	180	126	180	Submission	bmission of Information Disclosure Stmt					
Fee Fee Fee Fee Fee Fee Perevieties	581	40	581	40	Recording	each patent	assignment per				
103 18 203 9 Claims in excess of 20	146	740	246	370	Filing a sub	Piling a submission after final rejection					
102 84 202 42 Independent claims in excess of 3 104 280 204 140 Multiple dependent claim, if not paid	149	740	249	370	For each a	(37 CFR 1.129(a)) For each additional invention to be					
104 280 204 140 Multiple dependent claim, if not paid 109 84 209 42 ** Reissue independent claims	179	740	279	370		examined (37CFR 1 129/h)) Request for Continued Examination (RCE)					
over original patent	169	900	169	900	Request for expedited examination			$\vdash$			
110 18 210 9 ** Reissue claims in excess of 20 and over original patent		fee (spe	ı		of a design	application		$\vdash$			
SUBTOTAL (2) (\$) 156.00	*Red	*Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$) 0.00									
**or number previously paid, if greater, For Reissues, see above											
SUBMITTED BY	Des'	mation **					(if applicable)				
Name (Print/Type) Mark J. Hyman		ration No ey/Agent		6,789		Telephone	(240) 314-1224				
Signature Oate March 7, 2002											